



i5 m4

VERTICAL MACHINING CENTER



PT SHENYANG MULTI MESINDO

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SHENYANG MACHINE TOOL CO., LTD.

i5 M4

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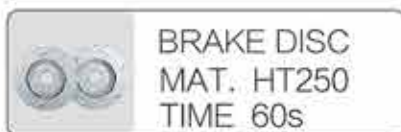
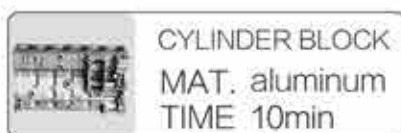
With high cost performance ratio and ultra high stability, i5 M4 vertical machining center are widely used in general machining, automotive parts and motorcycle parts production. Massive torque up to 95.5Nm guarantees a firm performance in rough machining. Intellectual compensation delivers to finest cutting performance.

KING KONG
Steady as a mountain
Strong as King Kong

Output torque up to
95.5 Nm

Swift and steady, accuracy up to
3 μm

MTTF up to
1,200 hours



Technical Specifications

Project	Name		Unit	i5M4.5-850	i5M4.5-1000	i5M4.8
Worktable	Dimensions		mm	650 × 430	1200 × 500	1400 × 700
	Max Load		kg	300	600	1000
	T-slot Size		mm × 个	14 × 3	18 × 5	18 × 5
Machining Range	X Axis Travel		mm	580	1000	1300
	Y Axis Travel		mm	420	610	700
	Z Axis Travel		mm	520	650	700
	Max Distance From Spindle Nose To Worktable		mm	620	800	850
	Min Distance From Spindle Nose To Worktable		mm	100	150	150
	Distance From Spindle Center To Column Slide Ways		mm	537		789
Spindle	Taper 7/24			BT40	BT40	BT50/BT40 optc
	Speed		r/min	10000	8000	6000/10000 optc
	Main Motor Torque		N.m	35.8	52.5	95.5
	Main Motor Power		kW	7.5/11	11/15	15/18.5
	Drive System		Synchronous Belt Transmission			
Cutting Tools	Tool Shank Type			MAS403 BT40	MAS403 BT40	MAS403 BT50
	Pull Stud			MAS403 BT40 - I	MAS403 BT40 - I	MAS403 BT50 - I
Feed	Rapid Traverse	X	m/min	48	32	24
		Y	m/min	48	32	24
		Z	m/min	48	30	20
	X/Y/Z Motor Power		kW	1.8/2.9/2.9	2.9/2.9/4.4	2.9/2.9/2.9
	Feed Speed		m/min	20	20	10
Tool Magazine	Type			Mechanical arm	Mechanical arm	Mechanical arm
	Tool Selection			By Directional Tool Selection		
	Stations		number	20	24	20
	Max Tool Length		mm	300	300	300
	Max Tool Weight		kg	8	7	15
	Max Tool Diameter	Full	mm	Φ80	Φ80	Φ133
		Adjacent Empty	mm	Φ125	Φ150	Φ250
	Changing Time		s	1.8	2.5	3.5
	Positioning Accuracy	Standard			JISB6336-4:2000 GB/T18400.4-2010	JISB6336-4:2000 GB/T18400.4-2010
X Axis		mm	0.012	0.016	0.020	
Y Axis		mm	0.012	0.012	0.012	
Z Axis		mm	0.012	0.012	0.012	
Repeatability	X Axis		mm	0.008	0.010	0.012
	Y Axis		mm	0.008	0.008	0.010
	Z Axis		mm	0.008	0.008	0.008
Overall Dimension			mm	2700 × 2020 × 2473	4400 × 2565 × 2944	4800 × 3000 × 3361
Weight			kg	3500	7000	11000
General Power Capacity			kVA	18	25	37

Technical parameters based on supply plan you purchase